OOK

	Depth 6	Contents 7	Reference to last Measurement 8

2nd & Part Bill

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 3437

Serial No.....

Name of work widening of Road from Bhadrappa lyt. signal to Kodigehalli Gate chainage 0-00 m to 1500-00 m ward no: 8, Yelahanka zone From..... To.....

Name of Contractor of nature of Agency..... M/s PJB Engineers pvt ltd.

Date of commencement of work..... 11/3/2013

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	JOB CODE NO: 008-11-000077						
	T.S NO: BBMP/C.E/Y.2/T.S/08/12-13 dt. 28/5/2012						
	A.S NO: BBMP/J.C/Y.2/A.S/ /12-13 dt. 23/05/2012						
	WORK ORDER NO: E.E (Project)/ Ynk. Zone/W.O/11/12-13 dt. 11/3/13						
	ABSTRACT						
	The Quantities are taken from the Excel spread sheets attached with the Contract certificate bill						
(1)	clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and						

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		Engineer in charge of	
		Qty. 05 ~~20~~ Sqm	
		Cost - 1408.93 Sqm.	
		@ 240-00 Rs/Sqm =	338143-00
		C work with 100mm	
		the full width of	
		roads drawing force	
		d as per Specifications.	
		Qty 07 ~~20~~ Rmt	
		Cost - 36.52 Rmt.	
		@ 100-00 Rs/Rmt =	3652-00
		Present Amount	13486129-00 1212 1655
		Previous Amount	7322673-00
		Total up to Rs.	20808802-00 19444328

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 3445

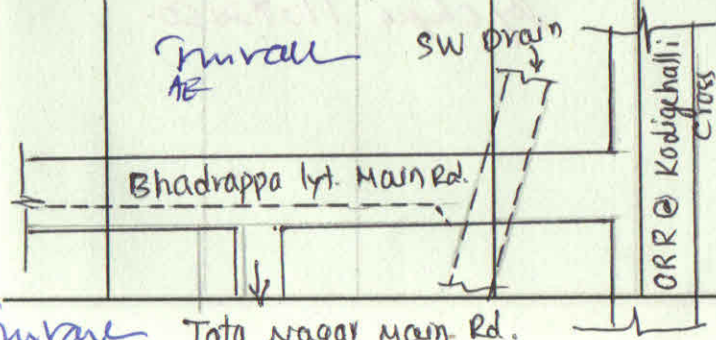
Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate 1) work done satisfactorily 2) There is no dept. issues on the Contractor for this work 3) The Quantities recorded by the previous section officers (AE's) are also taken for this Bill Murali AE						



Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

BR No 80/14-15
Dt. 31/3/2015

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				upto date		19444328-	
				Previous paid		7322673-	
				present Bill		12121655-	
	Audited & Admitted for Rs. 12121655-						
	One Crore Twenty One Lacs			1 T 2%		242433-	
	Twenty one thousand Six hundred Fifty five			VAT 4%		484866-	
	Rs. 11073450			L.cess 1%		121217-	
	and Rs. 1048205-			CBF 0.1%		12122-	
	by Cheque			L.R		187587-	
	Accts. Supdt. Project Division B.B.M.P.			Total Deduction		1048205-	
	Exe. Engineer Project Division B.B.M.P.			By cheque		11073450-	

M.A.R. 5

Measu

Serial No.....

Name of work.....From.

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	L
1	2	3	

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work.	Widening of Road from Bhadrappa Layout Signal to Kodigehalli circle Chainage : 0.00 Mtr to 1500.00 Mt,Ward No.08,Yelahanka Zone
Work Order No.	EE(Project)/YNK Zone/WO/11/2012-13. Dtd.11/3/2013
Agency.	M/s. PJB Engineers Pvt Ltd.,
Admistrative Sanction No.	BBMP/JC/YZ/AS/ 280/2012-13. Dtd.23/5/2012
Technical Sanction No.	BBMP/CE/YZ/TS/08/2012-13. Dtd.28/5/2012
Running Bill No.	2nd & Part Measurements
Measurement Sheet No.	13
Date of Measurements	27/02/2015
Date of Check Measurements by AEE	22/2/15
Date of Check Measurements by EE	
Item No.7	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. as per the Engineer in charge of the work.

Chainage	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
CH : 0 to 27 LHS & RHS		1	27.000	2.50	0.25	16.88	
CH : 27 to 54 LHS & RHS		1	27.000	1.85	0.25	12.49	
CH : 54 to 81 LHS & RHS		1	27.000	2.35	0.25	15.86	
CH : 81 to 108 LHS & RHS		1	27.000	2.15	0.25	14.51	
CH : 108 to 120 LHS & RHS		1	12.000	1.95	0.25	5.85	
CH : 120 to 128 LHS & RHS		1	8.000	1.65	0.30	3.96	
CH : 128 to 155 LHS & RHS		1	27.000	9.00	0.30	72.90	
CH : 155 to 182 LHS & RHS		1	27.000	8.50	0.30	68.85	
CH : 182 to 209 LHS & RHS		1	27.000	9.75	0.30	78.98	
CH : 209 to 242 LHS & RHS		1	33.000	10.10	0.30	99.99	
CH : 242 to 272 LHS & RHS		1	30.000	12.30	0.30	110.70	
CH : 272 to 302 LHS & RHS		1	30.000	12.80	0.30	115.20	
CH : 302 to 350 LHS & RHS		1	48.000	8.90	0.30	128.16	
CH : 350 to 380 LHS & RHS (including median)		1	30.000	2.30	0.30	20.70	
CH : 380 to 410 LHS & RHS (including median)		1	30.000	2.45	0.30	22.05	
CH : 410 to 440 LHS & RHS (including median)		1	30.000	2.80	0.30	25.20	
CH : 440 to 470 LHS & RHS (including median)		1	30.000	2.70	0.30	24.30	
CH : 470 to 500 LHS & RHS (including median)		1	30.000	2.80	0.30	25.20	
CH : 500 to 530 LHS & RHS (including median)		1	30.000	2.80	0.30	25.20	
CH : 530 to 560 LHS & RHS (including median)		1	30.000	2.70	0.30	24.30	
CH : 560 to 600 LHS & RHS (including median)		1	40.000	2.30	0.30	27.60	
CH : 350 to 380 LHS Foot Path		1	30.000	1.20	0.30	10.80	
CH : 380 to 410 LHS Foot Path		1	30.000	1.20	0.30	10.80	
CH : 410 to 440 LHS Foot Path		1	30.000	1.20	0.30	10.80	
CH : 440 to 470 LHS Foot Path		1	30.000	1.20	0.30	10.80	
CH : 470 to 500 LHS Foot Path		1	30.000	1.20	0.30	10.80	
CH : 500 to 530 LHS Foot Path		1	30.000	1.20	0.30	10.80	
CH : 530 to 560 LHS Foot Path		1	30.000	1.20	0.30	10.80	
CH : 560 to 600 LHS &Foot Path		1	40.000	1.20	0.30	14.40	
CH : 350 to 380 RHS		1	30.000	8.30	0.25	62.25	
CH : 380 to 410 RHS		1	30.000	10.00	0.25	75.00	
CH : 410 to 440 RHS		1	30.000	10.40	0.25	78.00	
CH : 440 to 470 RHS		1	30.000	10.90	0.25	81.75	

For PJ B ENGINEERS PVT. LTD.,

Contractor's Representative

Managing Director

Assistant Engineer

AEE Engineerproj

Sub DivisionBBMP,Bangal

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work.	Widening of Road from Bhadrappa Layout Signal to Kodigehalli circle Chainage : 0.00 Mtr to 1500.00 Mt,Ward No.08,Yelahanka Zone
Work Order No.	EE(Project)/YNK Zone/WO/11/2012-13. Dtd.11/3/2013
Agency.	M/s. PJB Engineers Pvt Ltd.,
Admistrative Sanction No.	BBMP/JC/YZ/AS/ 280/2012-13. Dtd.23/5/2012
Technical Sanction No.	BBMP/CE/YZ/TS/08/2012-13. Dtd.28/5/2012
Running Bill No.	2nd & Part Measurements
Measurement Sheet No.	17
Date of Measurements	02/03/2015
Date of Check Measurements by AEE	2/3/15
Date of Check Measurements by EE	
Item No.11	KSRRB M500-18. Providing and laying semi dense bituminous concrete wit 100-120 TPH batch type HMP producing an average output of 75 tonnes pe hour using crushed aggregates of specified grading, premixed wit bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix t work site, laying with a hydrostatic paver finisher with sensor control to th required grade, level and alignment, rolling with smooth wheeled, vibrator and tandem rollers to achieve the desired compaction as per MORT specification clause No. 500.8 complete in all respects as pe specifications.25-30mm compacted thickness with 5% bitumen 60/70 grad (Grading II) as per the direction of Engineer in charge of the work

Chainage	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
CH : 0 to 27 LHS & RHS		1	27.00	11.25	0.025	7.59	
CH : 27 to 54 LHS & RHS		1	27.00	10.90	0.025	7.36	
CH : 54 to 81 LHS & RHS		1	27.00	10.15	0.025	6.85	
CH : 81 to 108 LHS & RHS		1	27.00	9.30	0.025	6.28	
CH : 108 to 120 LHS & RHS		1	12.00	9.85	0.025	2.96	
CH : 120 to 128 LHS & RHS		1	8.00	10.30	0.025	2.06	
CH : 128 to 155 LHS & RHS		1	27.00	9.00	0.025	6.08	
CH : 155 to 182 LHS & RHS		1	27.00	8.50	0.025	5.74	
CH : 182 to 209 LHS & RHS		1	27.00	9.75	0.025	6.58	
CH : 209 to 242 LHS & RHS		1	33.00	10.10	0.025	8.33	
CH : 242 to 272 LHS & RHS		1	30.00	10.25	0.025	7.69	
CH : 272 to 302 LHS & RHS		1	30.00	10.50	0.025	7.88	
CH : 302 to 350 LHS & RHS		1	48.00	8.65	0.025	10.38	
CH : 350 to 380 RHS		1	30.00	8.30	0.025	6.23	
CH : 380 to 410 RHS		1	30.00	10.00	0.025	7.50	
CH : 410 to 440 RHS		1	30.00	10.40	0.025	7.80	
CH : 440 to 470 RHS		1	30.00	10.90	0.025	8.18	
CH : 470 to 500 RHS		1	30.00	11.50	0.025	8.63	
CH : 500 to 530 RHS		1	30.00	11.00	0.025	8.25	
CH : 530 to 560 RHS		1	30.00	10.40	0.025	7.80	
CH : 560 to 600 RHS		1	40.00	10.25	0.025	10.25	
CH : 600 to 625 RHS		1	25.00	9.10	0.025	5.69	
CH : 625 to 650 RHS		1	25.00	7.75	0.025	4.84	
CH : 650 to 675 RHS		1	25.00	8.35	0.025	5.22	
CH : 675 to 700 RHS		1	25.00	10.10	0.025	6.31	
CH : 700 to 720 RHS		1	20.00	10.20	0.025	5.10	
CH : 720 to 739 RHS		1	19.00	9.90	0.025	4.70	
CH : 739 to 759 RHS		1	20.00	6.40	0.025	3.20	
CH : 759 to 786 RHS		1	27.00	2.50	0.025	1.69	
CH : 786 to 813 RHS		1	27.00	2.80	0.025	1.89	

For P J B ENGINEERS PVT. LTD.,

Contractor's Representative / Managing Director

Assistant Engineer

AEE Engineerproje
Sub Division BBMP, Bangalo

Chainage	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
CH : 813 to 840 RHS		1	27.00	3.10	0.025	2.09	
CH : 840 to 867 RHS		1	27.00	4.20	0.025	2.84	
CH : 867 to 894 RHS		1	27.00	5.85	0.025	3.95	
CH : 894 to 921 RHS		1	27.00	6.75	0.025	4.56	
CH : 921 to 950 RHS		1	30.00	8.50	0.025	6.38	
cross roads							
tata nagar		1	14.00	2.50	0.025	0.88	
iob bank		1	6.00	5.00	0.025	0.75	
		2	6.00	1.00	0.025	0.30	
deductions							
MH		-12	1.20	1.20	0.025	-0.43	
others		-3	1.50	1.50	0.025	-0.17	
bridge		-1	8.00	16.00	0.025	-3.20	
					Total Qty	206.96	Cum.

For PJ B ENGINEERS PVT. LTD.,

Managing Director

Contractor's Representative

Assistant Engineer

AEE Engineerproject
Sub Division BBMP, Bangalore